APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Economic Atlas of Japan.

JAPANESE, bk, Nippon Keizai Chizu, Mar 1956,
pp 1-147, publ by Zaikaku Kyoiku Tosho. (EDC Nov 58).

5006h HI Bv Gp Tr 95663

FE - Japan
Econ
Nov 57

54, 960

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Translations of 35th General Meeting of Japan Mechanical Engineers. UNCLASSIFIED

JAPANESE, rpt, Nippon Kikai Gakkai 35-Ki Teijo Sokai Kenkai, 1 Apr 1958,

600th AISS
Tr Nr 8-58-171-3(58)

Sci - Engr

Oct 58

74,733

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Glide Path in an Oblique Wind. UNCLASSIFIED

JAPANESE, rpt, Nippon Kikai Gakkai 35-Ki
Tsujo Bokai Koenkai, 1 Apr 1958, pp 43-46.

600th AISS
Tr Nr 8-3B-171-2(58)

Sci - Physics
Oct 58

74,732

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

I. Kimura

A Study of the Combustion of Laminar Fuel Jets.
JAPANESE, per, Nihon Kikai Gakkai Rombunshu,
Vol 27, 1961, pp 736-746
NTC 72-12559-20M

sept 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Interference Between Shock Wave and Boundary Layer. UNCLASSIFIED

JAPANESE, MM rpt, Nippon Kikai Gakkai 35-KI Teiji [illegible] Kenkyu Koenkai, 1 Apr 1958, pp 39-42.

600th AIRS
Tr Nr 8-58-171-1(58)

Sci - Physics
Oct 58

74,731

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Study on the Surface States of Tungsten Powder.
Part II, by S. Takayagi.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 24,
No 3, 1960, pp 142-146.
NTC 71-14369-11F

Feb 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Determination of the Solubility and Diffusion Coefficient of Hydrogen in Zirconium, by M. Someno.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 24, 1960, pp 249-253.
NTC 71-14408-07D

Feb 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Second Phase of Nystagmus,
by A. Noto.
JAPANESE, per, Nippon Jibiinkoka Gakkai Kaiho,
pp 40-53.
NASA TT F-8538

Sci - E S & Ast
May 64
U.S. GOVERNMENT ONLY

259,418

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Experimental Research on Porphyria, by M. Ooyama.
JAPANESE, per, Nippon Naika Gakkai Zasshi, Vol 52, 1963, pp 1190-1199
NTC 72-11307-06E

June 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Clinical Application of Fluorod Dosimetry, by
Tatsuo Arai, 50 pp.
JAPANESE, pbr, Nipp Act Radiol, Vol XXIII, No 6,
1963, pp 753-772, 9250413.
AEC NSJ-tr-25

292,995

Sci-Biol & Medical Sci
Nov 65

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Radiation Effect on Intestinal Function (I)
Studies on Rabbits Intestinal Damage by Abdominal Window Method, by Osamu MATSUOKA, Takehiko TSUCHIYA,et al.
JAPANESE, per, Nippon Act. Radiol, Vol 24, No 2, May 1964, pp 157-162. 9233268
AEC NSJ-tr-44

Sci/B&M
Aug 66

306,216

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Measurements of Ionizing Radiation. 4.
Energy Flux in 6MV X-Ray Beam,
by S. Sakata.
JAPANESE, per, Nippon Igaku Hoshasen Gakkai
Zasshi, Vol XXIV, 1964, pp 1105-1108.
*AEC

Sci - NS
Feb 66

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Fukuda, Y., Ogawa, J., and Tsuji, J.
STUDIES OF THE "CARDIO-TROPIC" ACTION OF NICOTINE AND CARDIAC PHOSPHATIDE. [1962] 24p.
Order from K-H $15.00 K-H 8[illegible]

Trans. of Nippon Journal of Angio-Cardiology, 195[illegible] v. 17, p. 357-361.

DESCRIPTORS: *Toxicity, *Nicotine, *Heart, Pathology *Phospholipids.

(Biological Sciences--Pathology, TT, v. 9, no. 2)

62-17961

I. Fukuda, Y.
II. Ogawa, J.
III. Tsuji, J.
IV. K-H-8[illegible]
V. Kresge-Hooker Scientific Library Associates Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

R-4137-D
Cochleopupillary Response During Sleep and Its Clinical Application for Objective Audiometry, by H. Sasaki.
JAPANESE, per, Nippon [redacted] Jibiinkoka Gakkai Kaiho, Vol LXV, 1962, pp 998-[redacted]1011.

*JPRS

Biol & Med Sci
June 64

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Operation Plan of the Nuclear Fuel Development Corporation, 4 pp. UNCLASSIFIED

JAPANESE, per, Nippon Keizai Shimbun, 25 Nov 1957. Encl to IR 6600-57, 6004th AISS.

AF 1153952

FE - Japan
Econ - Refineries
Sci - Nuclear Physics
Feb 58

58,518

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Operation Plan of the Nuclear Fuel Development Corporation, 2 pp.

JAPANESE, Per, Nippon Keizai Shinbun, Nov 1957.

AEC 3431

Sci - Nuc Phys

Dec 58

78,251

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Electronic Industry Deliberative Council Reports on Present Situation of Electronic Apparatus Manufacturing Industry, 3 pp.

JAPANESE, per, Nihon Keizai Shimbun, 11 Dec 1958.

ID 2109953

XXXXX
FE - Japan
Econ
Aug 59

94,318

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Two Weeks' Tour of Communist China, by Ochi Katsuyuki, 3 pp. FOR OFFICIAL USE ONLY

JAPANESE, per, Nihon Keizai Shimbun, 26 Sep 1962, Rpt No 3037/62. 9666995

500th INTC Gp
Doc No 1C7306 (1a)

FE - China
Pol
19 Nov 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Trade, 3 pp. FOR OFFICIAL USE ONLY

JAPANESE, per, Nihon Keizai Shimbun, 29 Sep-1 Oct 1962, Rpt No 3060/62. 9666985

500th INTC Gp
Doc No 1C7316 (1a-2a)

FE - Japan
Econ
19 Nov 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Problem of Commodity Circulation in Communist China, unsigned, 5 pp.
JAPANESE, mp, Nihon Keizai Shimbun, 29 Dec 1964, p 2.
B-RS 2-511

FE-China
Eco
Feb 65 275,394

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Labyrinth Planning Method for a Passage of a Hot Cell. II. Experimental Study of Pocket Effects of Labyrinth for Protection of Gamma Rays, by Mashahisa Sakuda.
JAPANESE, per, Nippon Kenchiku Gakkai, Vol LXXXVIII, Aug 1963, pp 22-26.
*AEC

Sci-Phys
Jul 64

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Anomalous Surface Effect of X-Rays, by Y. Yoneda, 10 pp.
JAPANESE, per, Nihon Kessho Gakkai-shi, Vol 6, No 1, 1964, pp 17-20.
GOVERNMENT USE ONLY
ARM/RSIC/Tr-936-69

Sci/Phy
Sept 69

388,404

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

On the Lymphatic Tissue of Gastric Mucosa,
by Masazumi Miyabara, 63 pp.

JAPANESE, pub, Tohoku Medical Gakkai Zasshi,
Vol XVIII, No 5, Oct 1955, pp illegible.

MM 2-15

Gnl - Biol

Mar 59

52-792

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Chemical Studies of the Mechanism of Biosynthesis of Thyroxin, by T. Matsuura.
JAPANESE, per, Nippon Kagaku Z, Vol 86, No 3, 1965, pp 282-293.
HRW-MH
1-6-68

Sci/B & P
Feb 68

349,799

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Leucocytosis and Leucopenia Observed on the Basis of the Mitosis of Nucleated Cells in the Bone Marrow, by T. Miyamoto, 41 pp.

JAPANESE, pub, Nippon Ketsueki Gakkai Zasshi, Vol XVIII, No 7, 1955, pp 647-658.

SLA 58-201
AEC Tr 3089

Sci

Aug 59

93,678

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Experimental Studies on Congenital Bone Marrow Fragility and Leukemia, by Y. Iwahashi, et al.
JAPANESE, per, Nippon Ketsueki Gakkai Z,
Vol 21, 1958, pp 20-36.
HEW NIH 8-33-67

Sci - B&M
Sept. 67

341,366

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Lymphocytic Leukemia and Myelocytic Leukemia from the Standpoint of the Lymph Gland, by Keisuke MATSUI, JAPANESE, per, Nippon Ketsueki Gakkai Z, Vol 26, pp 48-54, 1963.
HEW NIH 10-4-65

FE-Japan
Sci/HGM
Mar 66

296,288

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

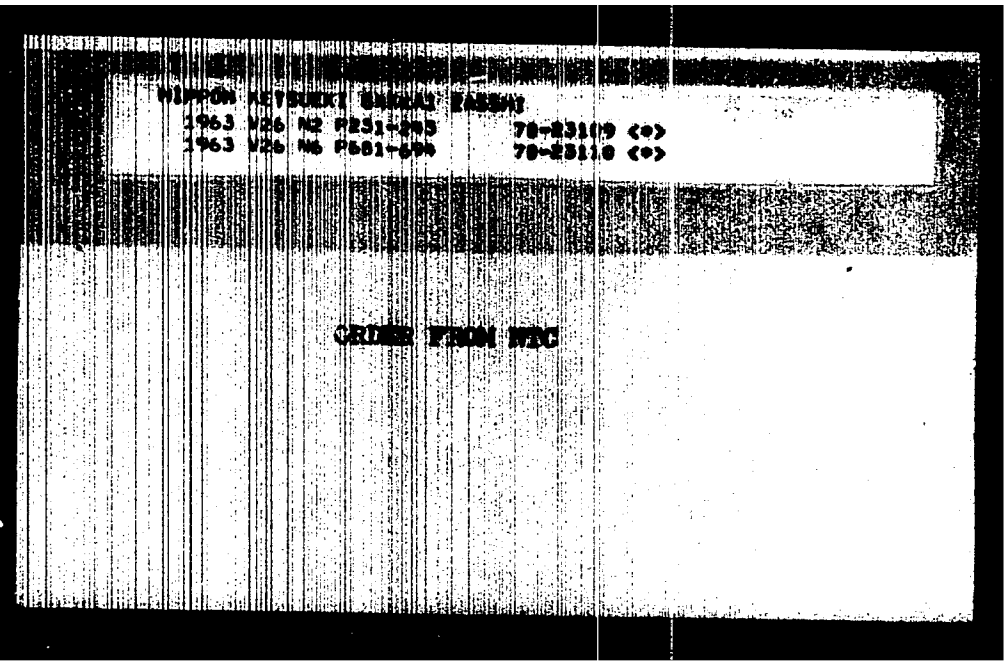
A Clinical Hemogram of Acute Leukemia, by
Kiyogi Kimura.
JAPANESE, per, Nippon Ketsueki Gakkai Zasshi,
Vol XXVI, No 1, 1963, pp 124-127.

*JPRS/NDI

Sci-Biol & Med
Aug 64

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Effects of Radiation on the Chromsomes of the Bone Marrow Cells, by Noboru CHOMO.
JAPANESE, per, Nippon Hotsuaki Gakkai Zasshi,
Vol 28, No 3, 1965, pp 308-318.
AEC NSJ Tr 78

324.386

Sci - Biol & Med
May 67

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Experiments on the Atomization of Liquids in an Air Stream. Part V.
By Nukiyama, S.
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu
Vol. 6, No, 23, 1940,
pp. 18-28.
CRL D. 180
ETC-68-24442

404,556

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Effect of Air Injection Into Water on [illegible]
Part I. by K. Yamagata, F. Hirano, et al.,

JAPANESE, pub, Nippon Kikai-Gakukai [illegible], Vol XIX, No 84, 1953, pp 4-9.

Aero Tech Serv
55K28J

Sci - Phys
OTS I, 9
Jun 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Doi, S. and Kato, S.
SUR LA CAUSE DU BROUTAGE DE L'ARBRE PRINCIPAL D'UN TOUR (The Cause of the Chattering of the Principal Spindle of a Lathe-work). 15p. 5 refs. (text in French).
Order from OTS or ETC $1.20 62-26353

Trans. in French of [Nihon Kikai-Gakkai Rombunshu] (Japan) 1954, v. 20, no. 90, p. 61-65.

DESCRIPTORS: *Axle shafts, Vibration, *Machining, Experimental data, Surfaces, Precision finishing.

(Metallurgy, TT, v. 9, no. 8)

62-26353

I. Doi, S.
II. Kato, S.
III. Centre National de la Recherche Scientifique (France)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Influence of Surface Roughness on the Mechanism of Contact Between Metal Surfaces, by G. Yoshimoto
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu, Vol 21, 1955, pp 811-816.
MLL Ref: 9022.09 (4279)

Sci-Materials
Aug 68

362,140

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Heat Transfer by Forced Convection With Turbulent Flow, Where the Temperature Difference is Large, by Tomoshige Hara, Jun Okushi, 15 pp.

JAPANESE, per, Nihppon Kikai Gakkai Rombun Shu, Part 2, Vol XXIV, No 140, 1958, pp 219-223.
9079916

AEC NP-629

164,903

Sci
Aug 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Forced Vibrations of a System With Two Degrees of Freedom and Coulomb Friction, by Yoshikazu Sawaragi, Taichi Fuji, et al. JAPANESE, per, Nippon Kikai Gakkai Ronbunshu, Vol 24, 1958, pp 873-879.
AEC SC-T-64-1640

Sci/Electronics
May 66

300,471

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Yano, Takasi.
PERFORMANCE OF CENTRIFUGAL BLOWER UNDER PULSATING FLOW. [1964] 22p (figs omitted) 3refs
Order from SLA $2.60 TT-64-10821

Trans. of Nihon Kikai-Gakkai [Ronbunshu] (Japan) 1962, v. 28, no. 195, p. 1489-1497.

TT-64-10821

I. Yano, T.

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Variations in Boiling Heat Transfer due to the Generation of Bubbles, by
K. Torikai and T. Yamazaki,
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu, Vol XXXI, No 223, pp 450-457.
ALL 9190.9 F (Risley Trans 987)

Sci-Phys
Apr 07

522,91

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Collapse of Bubbles in a Stationary Uniformly Unsaturated Liquid, by Akiyama Manoru.
JAPANESE, per, Nippon Kikai Gakkai Ronbunshu, Vol 31, No 223, Mar 1965, pp 458-469.
AEC Risley tr 1027 (on loan)
NLL

Sci/Mechanical Industrial
Civil, andMarine Engr
Nov 66

311,610

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

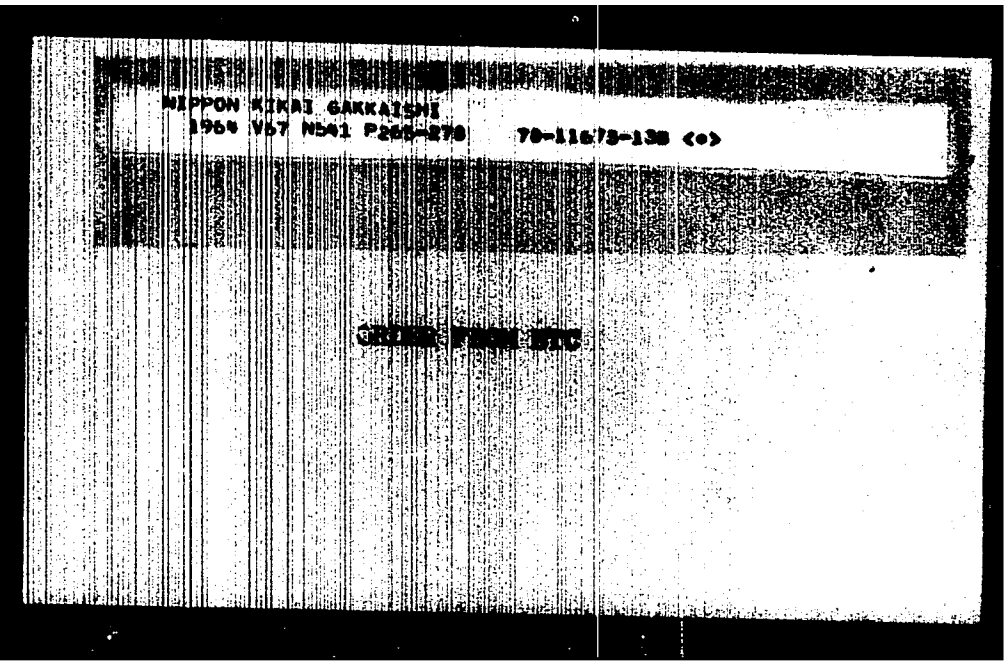
Stress Distribution of a Rotating Disc with Conical Shape, by T. Tumura, N. Oosawa.
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu,
Vol 17, 1951, pp. 56-60
NLL Ref: 9091.9F (CA Trans 199)

sci-mech
sept 69

390,194

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Experiments on the Determination of the Maximum and Minimum Values of the Heat Transferred Between a Metal Surface and Boiling Water, by S. Nukiyama, 21 pp.

JAPANESE, per, Nippon Kikai Gakkai Shi, Vol XXXVII, 1934, pp 367-374.

AEC AERE-Trans-854

164 905

Sci
Aug 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Kuroda, M.
STRUCTURE AND ROLLING FATIGUE PROPERTIES OF BEARING STEEL. [1962] 18p.
Order from ATS $29.90 ATS-52P59J

Trans. of Nihon Kikai Gakkai-shi (Japan) 1960, v. 63, no. 502, p. 1442-1451.

DESCRIPTORS: *Steel, *Bearings, *Fatigue (Mechanics)

TT-3124

(Metallurgy--Ferrous Metals, TT, v. 8, no. 2)

62-17190

I. Kuroda, M.
II. ATS-52P59J
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Large Vibration Test Machine, by I. Kazu, H. Kazuo.
JAPANESE, per, Nihon Kikai Gakkaishi, Vol 64, No 515, 1961, pp 103-108.
MIC-69-16094-14B

Sci-Math & Equip
Feb 70

402,905

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Kuno, Iacwo.
MY NEW YEAR'S CARD PROGNOSIS OF ATOMIC POWER E. R. Hope tr. Aug 63 [6p] DSIS T 83 J.
Order from NRCC NRCC-C-4564

Trans. of [Nihon Kikai Gakkai-shi] (Japan)
1962, v. 65, no. 520, p. 621-623.
DESCRIPTORS: *Nuclear power plants, *Breeder reactors, *Electric power production, Economics.

A general discussion of some technico-economic aspects of atomic power production.

(Nuclear Physics--Nuclear Engineering, TT, v. 11, no. 3)

TT-64-12030

I. Kuno, I.
II. DSIS-T-83-J
III. NRCC-C-4564
IV. Directorate of Scientific Information Services (Canada)

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

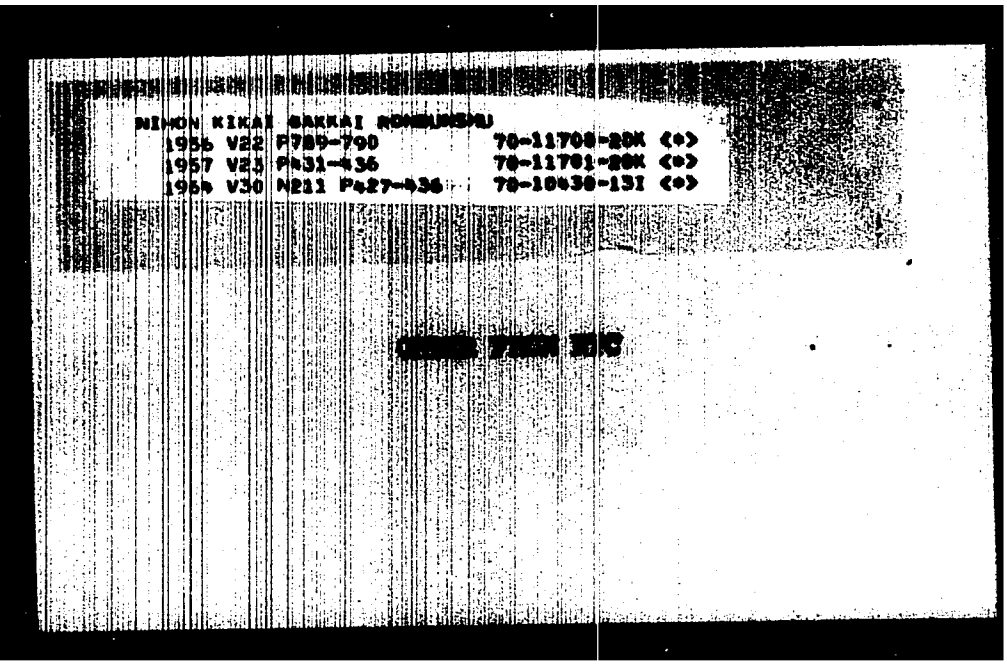
APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

A New Electrolytic Process of Making Micro-Holes in Metals, by A. Hamaichi.
JAPANESE, per. Nippon Kikai Gakkaishi, No 64, 1961, pp 1149-1157.
*AEC ORNL-tr-1827

Sci-Meth and Equip
Jan 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0



NIHON KIKAI GAKKAI RONBUNSHU
1956 V22 P789-790 70-11708-20K <*>
1957 V23 P431-436 70-11701-20K <*>
1958 V30 N211 P427-436 70-10430-13I <*>

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

A Study of Hot Machining, by Ryoichi Ichimiya,
8 pp.
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu,
Vol 30, 1964, pp 1019-1027.
CAN/DRBDSIS-Tr-99 J-69
NLL Ref: 3544(T 99 J)

Sci/Mech
Oct 69

393,507

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

A Contribution on the Characteristics of a Cylindrical Pitot Tube, by Mikio Arie.
JAPANESE, per, Nihon Kikai Gakkai Ronbun Shyu,
Vol 22, No 117, Part 3, 1955, pp 365-367.
Dept of Navy NSRDC T-346

Sci-Mech
Oct 69

393,343

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

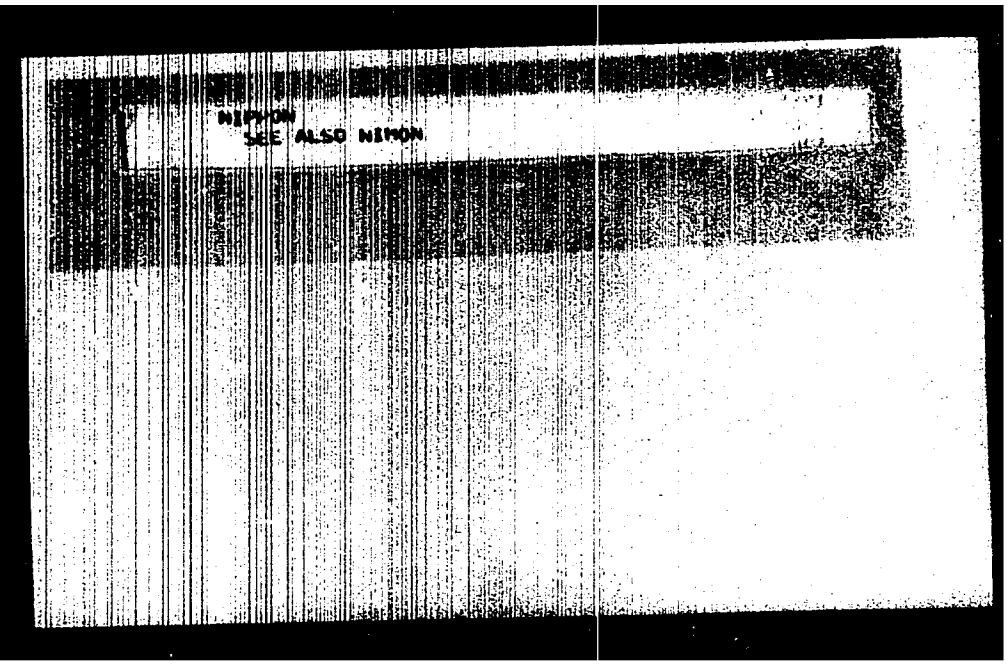
A Study of Hot Machining, by Ryoichi Ichimiya.
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu,
Vol 30, No 217, Sept 1964, pp 1019-1027.
DRB Canada
T 99 J

Nov 69

396,785

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies of Martensite Transformation in Iron-Nickel Alloys. Report 1 - Microstructural Differences in Unilagg and Schiebung Transformations, by S. Takeuchi, et al.
JAPANESE, per, Nippon Kinzoku, Vol 21, No 1, Jan 1957, pp 51-55.
*NIBI 5950

Sci-Materials
Dec 67

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Sharpness of Blades III -
On the Finishing of Blade Edges by
Electrolytic Polishing, by T. Iwasaki.
JAPANESE, pub, Nippon Kinzoku, Vol 21,
Feb 1957, pp 96-99
RUSI 4965

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Dec 66

314,470

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Martensite Transformation in Iron-Nickel Alloys. Report 2 - Effect of Surface and Interface on Schiebung Transformation, by T. Homma.
JAPANESE, per, Nippon Kinzoku, Vol 21, Feb 1957, pp 122-125.
*BEEI 5951

Sci-Materials
Dec 67

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Martensite Transformation in Iron Nickel Alloys Report No. 3.Coexisting Ranges for Schiebung and Umklapp Transformation, by T. Homma.
JAPANESE, per, Nippon Kinzoku, Vol. 21, 1957, pp. 126-128.
*BISI 6096

Sci/Materials
Jan 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Martensite Transformation in Iron-Nickel Alloys. Report No. 4. Propagation Process in Umklapp Transformation, by T.Homma, JAPANESE, per, Nippon Kinzoku, Vol. 21, 1957, pp. 263-267.
*BISI 6097

Sci/Materials
Jan 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Experiments and Thermodynamic Considerations on Desulphurisation of Fe-C-S Alloys in Vacuum Melting, (Part I), by R. Ohno.

JAPANESE, per, Nippon Kinzoku, Vol XXIII, Aug 1959, pp 489-495.

BISI 3344

Sci - M/M
Jan 64

246,384

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Recrystallizing Speed of Austenite Grains After Hot Working, by N. Takeda.
JAPANESE, per, Nippon Kinzoku, Vol 15, No 12, 1951, pp 578-581.
BISI 4905

Sci-Materials
Oct 66

310,495

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Martensite Transformation in Iron-Nickel Alloys, by S. Takeuchi.
JAPANESE, per, Nippon Kinzoku, Vol 21, No 1, 1957, pp 51-55.
BISI 5950

Sci-Mat
Mar 69

377,317

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Martensite Transformation in Iron-Nickel Alloys, by T. Homma.
JAPANESE, per. Nippon Kinsoku, Vol 21, Feb 1957, pp 126-128.
BISI 6096

Sci/Mat

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Martensite Transformation in Iron-Nickel Alloys, by T. Homma. JAPANESE, per, Nippon Kinzoku, Vol 21, Apr 1957, pp 263-267.
BISI 6097

Sci/Materials
Jan 69

353,130

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Experiments and Thermodynamic Considerations on the Desulphurization of Fe-C-S Alloys in Vacuum Melting, by R. Ohno.
JAPANESE, per. Nippon Kinzoku, Vol 23, Aug 1959, pp 489-493.
BISI 3344

Sci/[illegible]
Aug 65

288,738

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

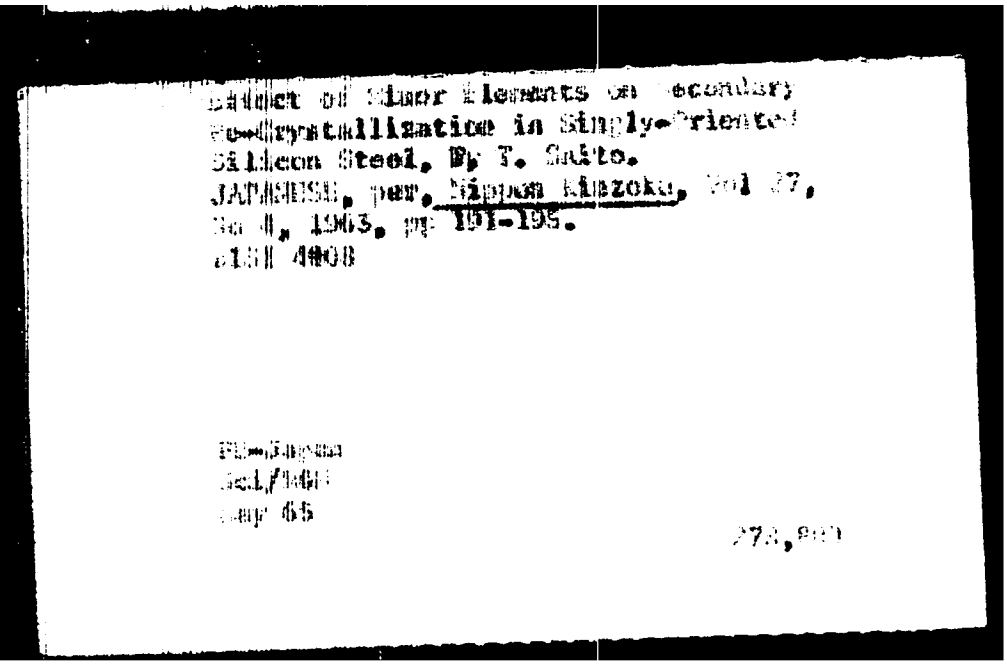
The Changes in Specific Surface Area of Iron Salts, and Iron Oxide Powders by Heating, by A. Moriyama, J. Moriyama, et al.
JAPANESE, per, Nippon Kinzoku, Vol 24,= No 11, 1960, pp 699-703.
BISI 4534

Sci/Dec 65

293,156

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0



Effect of Minor Elements on Secondary Recrystallization in Singly-Oriented Silicon Steel. By T. Saito.
JAPANESE, per. Nippon Kinzoku, Vol 27, No 4, 1963, pp 191-195.
AT611 4808

Metallurgy
Sci/Tech
Sep 65

273,811

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Study on Nitrides in Iron and Steels.
1- Examination on Electrolytic Conditions for Isolation of Nitrides From Iron by Potentiostatic Measurement, by U. Imai, T. Masumoto.
JAPANESE, per, Nippon Kinzoku, Vol 27, No 12, 1963, pp 593-598.
BISI 6493

Sci./Materials
Oct 69

394,179

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

On the Mechanical Properties of Plain Carbon Steel, Effect of Calcium on Iron and Steel-making, by T. Ototani, et al.
JAPANESE, per, Nippon Kinzoku, Vol XXVII, Dec. 1963, pp 618-621.
BISI 4546

Sci-M&M
Mar 66

300 035

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Effects of Calcium on Iron and Steel, by T. Ototani.
JAPANESE, per, Nippon Kinzoku, Vol 27, No 12, 1963,
pp 622-628.
BIBI 4803

313,296

Sci - Materials
Nov 65

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Study of Lower Yield Stress and Flow Stress of Iron under Dynamic Tensile Test, by S. Sakui, et al.
JAPANESE, per, Nippon Kinzoku, Vol 28, No 11, 1964, pp 717-721.
BISI 4545

Sci-Tech
Aug 66

308,755

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Quantitative Spectrographic Determination of Traces of Boron in Plain-Carbon and Low-Alloy Steels, by T. Kawaguchi.
JAPANESE, per, Nippon Kinzoku, Vol 28, No 11, 1964, pp 759-763.
BISI 5548

Sci- At
Mar 68

343.263

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Investigation of the Equilibrium Diagram of the Aluminium-Zinc-Silicon System, by H. Nishimura, K. Tamura. UNCL

JAPANESE, per, Nippon Kinzoku Gakkai-Si, 1940, Vol IV, No 4, pp 116-119.

British Iron and Steel Ind
(no number given)

98,316

Sci - Min/Met
Bap 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Corrosion-Resistant Manganic Alloys of Magnesium, by Ichiji Obinata, Shigehisa Hayashi, 9 pp. OFFICIAL USE ONLY

JAPANESE, per, Nippon Kinzoku Gakkai-Shi, Vol IV, 1940, pp 146-151.

AIC Tr 2090

[redacted]

Scientific - Min/Metals Mar 55 CRS/DBX

22,410

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Equilibrium Diagram of the Iron and Silicon System, by Atomi Onawa, Takasi Murata, 29 p.

JAPANESE, per, Nihon Kinzoku Gakkai-Si, 1940, Vol IV, No 7, pp 228-242.

SLA 60-10040

Sci 6
Apr 60
Vol III, No 2

113,594

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Equilibrium Diagram of the Iron-Aluminum System, by Atomi Ogawa, Takasi Murata, 26 p.

JAPANESE, por, Nihon Kinzoku Gakkai-Shi, 1941, Vol V, pp 259-271.

SLA 60-10033

Sci
Apr 60
Vol III, No 3

112,046

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Ogawa, K.
VISCOSITY OF MOLTEN SALTS. [1963] [11p] 11refs
Order from SLA $1.60 TT-63-20461

Trans. of Nihon Kinzoku Gakkai-Shi (Japan) 1950, v. 14B, no. 2, p. 49-52. (Abstract available)

DESCRIPTORS: *Salts, Melting, *Viscosity, Halides, Carbonates, Nitrates, Mixtures, Viscosimeters.

The viscosity coefficients of molten salts were determined with an apparatus consisting of a nickel ball suspended from a chemical balance. The viscosity coefficients obtained for H_2O, KNO_3, and NaCl showed excellent agreement with published data. The viscosity coefficients of KCl, NaCl, $NaNO_3$, KNO_3, mixtures of KCl and NaCl, and mixtures of $NaNO_3$ and KNO_3 were determined at various temperatures. At a given temperature, the viscosity was minimum for a binary mixture containing the salts in 1:1 molecular ratio. (Author)

TT-63-20461

1. Ogawa, K.

(Chemistry Division, U.S. Naval Ordnance Test Station, China Lake, Calif.)
Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Annealing of Wires of W, W-Mo Alloy, and Thoriated Tungsten, by M. Iida, 8 pp.

JAPANESE, per, Nippon Kinzoku Gakkai-Shi, B15, 1951, pp 202-205,

SLA Tr 57-1016

Sci - Electronics
Jan 58

57,617

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Anodic Dissolution of Metals I- On the Anodic Dissolution of Copper-silver Alloys in Acid-Sulphate Solutions, by H. Ito, K. Higashi.

JAPANESE, per, Nippon Kinzo Gakki-Si, 1951, pp 227-229.

INSDOC-11726

Sci

Aug 59

94,214

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Diagram of Hg - In and Hg - T
in Alloys, by Kiyoshi Ito, Eijiro Ogawa,
Ryozo Yamagata, 6 pp.

k

JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol. [illegible],
1951, pp 382-384.

AEC SCL-T-363

Scl
Aug 61

16 3 194

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Thermal Diffusion of Molten Alloys; First Report: Calculation of the Soret Coefficient, by Susumu Kawakami, 11 pp.

JAPANESE, per, Nippon Kinzoku Gakkai-Shi, Vol B15, 1951, pp 528-531.

S.L.A. Tr 477/1956

36,611

FTI - Japan
Scientific - Minerals/Metals

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

On Electrolytic Polishing of Mild Steel by Alternating Current, by Akira Tanaka, Ll p.

JAPANESE, per, Nihon Kinzoku Gakkai-Shi, 1952, Vol XVI, No 2, pp 121-124.

SLA 59-1715

Sel
Dec 59
Vol 2, No 6

104,457

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Electrolytic Polishing by Alternating Current on the Influence of Carbon Content of Steel, by Nobujiro Tanimoto Yoshimi Tanabe, 8 p.

JAPANESE, pub, Nihon Kinsoku Gakkai-Shi, 1952, Vol XVI, No 3, pp 151-153.

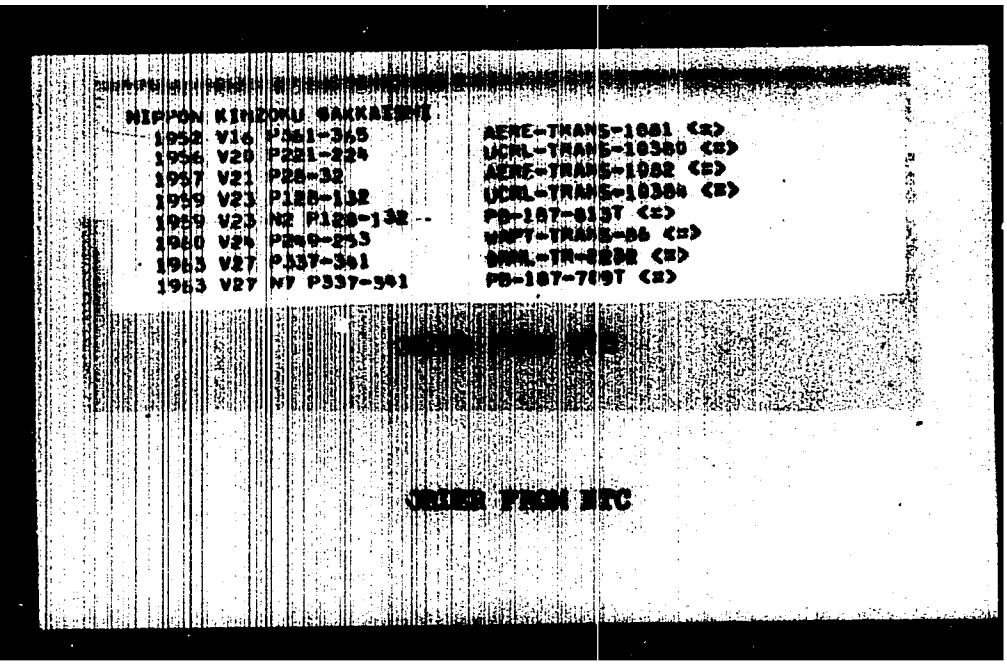
SLA 59-17182

Sci
Dec 59
Vol 2, No 6

104,049

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0



NIPPON KINZOKU GAKKAISHI

1952	V16	P361-365	AERE-TRANS-1081 (=)
1956	V20	P221-224	UCRL-TRANS-10380 (=)
1957	V21	P28-32	AERE-TRANS-1082 (=)
1959	V23	P128-132	UCRL-TRANS-10384 (=)
1959	V23	NO P128-132 --	PB-187-813T (=)
1960	V24	P269-273	WNPT-TRANS-86 (=)
1963	V27	P337-341	BNML-TR-0298 (=)
1963	V27	NO P337-341	PB-187-709T (=)

[redacted]

[redacted] FROM ERC

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Research on the Relation Between Cast Iron and Oxygen; the Effect of the Oxygen Content in Cast Iron and its Structure, by Masao Homma, Yasuhiko Hashimoto, 19 p.

JAPANESE, pub, Nihon Kinzoku Gakkai-Shi, 1952, Vol XVI, No 9, pp 486-490.

SLA 60-10348

113,652

Sci
Apr 60
Vol III, No 3

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Research on the Relation Between Cast Iron and Oxygen; Some Considerations in Connection with the Structural Changes by Oxygen, by Masao Ohmura, Yasuhiko Hashimoto, 18 p.

JAPANESE, per, Nihon Kinzoku Gakkai-Shi, 1952, Vol XVI, No 10, pp 547-551.

SLA 60-10368

113,653

Sci
Apr 60
Vol III, No 3

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Relation Between Cast Iron and Oxygen: The Effect of Oxygen on Various Properties of Cast Iron, by Masao Homma, Michio Shigihara, 13 pp.

JAPANESE, per, Nihon Kinzoku Gakkai-Shi, Vol XVI, No 11, 1952, pp 607-610.

SLA 60-10032

Sci

Jun 60

118 506

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Elimination of Dissolved Nitrogen by Aluminum,
by Tuneo Saito, Kazuo Maruya, 19 p.

JAPANESE, per, Nihon Kinzoku Gakkai-Shi, Vol XVII,
No 1, pp 28-32/

BLA 60-10349

Sel
Apr 60
Vol III, No 3

112,049

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Inui, Tadataka and Matsuo, Shigeki.
CO-DEPOSITION OF COPPER-TIN ALLOYS. Pt. 1 of Studies on Alloy Plating. [1960] 5p. (2 tables 3 figs. omitted) 5 refs.
Order from OTS or SLA $1.10 60-15624

Trans. of [Nihon] Kinzoku Gakkai-Shi (Japan) 1953, v. 17, p. 191-194.

DESCRIPTORS: *Copper alloys, *Tin alloys, *Electrodeposition, *Electroplating, Alloys, Plating, Electroplating solutions.

Experiments on bronze deposition from oxalate bath showed that the copper deposition curve is markedly influenced by copper ion concentration and by temperature, while tin is hardly influenced by them. The bronze deposition curve is not so much influenced by metal ion concentration and temperature but shows a unique feature peculiar to alloy deposition and differs
(Metallurgy, TT, v. 8, no. 3) (over)

60-15624

I. Inui, T.
II. Matsuo, S.
III. Title: Studies...

5-16-62
Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

On Study on Castability (10th Report) on the Effects of Heating Velocity of Melting on Runnability, by Hori, K. UNCLASSIFIED

JAPANESE, per, Nippon Kinzoku Gakkai-Si, Sep 1954, pp 549-551. Vol XVIII, No 9,

Co-op Tr Scheme
Tr 935
(L4)
61-18361

Sci - Phys
Jul 58

67.807

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

New Method of Observing Austenite Grains and Grain-Growth Inhibitors of Al-Killed Steel, Part I, by K. Endo, T. Otake.
JAPANESE, per, Nippon Kinzokku Gakkai-Si, Vol XIX, No 2, 1955, pp 51-54.
BISI 3460

Sci - M/M
May 64

257,008

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

The Guinier-Preston Zone, by K. Hirano.

JAPANESE, per, Nippon Kizoku Gakkai-Si, Vol XIX, No 2, 1955, pp 136-140.

TIL Tr 4852

Sci - Electronics
Mar 58

59,188

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

New Method of Observing Austenite Grains and
Grain-Growth Inhibitors of Al-Killed Steel, Part II,
XX by K. Endo, T. Otake.
JAPANESE, per, Nippon Kinzoku Gakkai-Si, Vol XIX,
No 6, 1955, pp 389-392.
BISI 3460

Sci - M/M
May 64

257,009

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

New Method of Observing Austenite Grains and Grain-Growth Inhibitors of Al-Killed Steel, Part III, by K. Endo, T. Otake.
JAPANESE, per, Nippon Kinzoku Gakkai-Si, Vol XIX, No 6, 1955, pp 393-395.
BISI 3:460

Sci - M/M
May 64

257,010

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Kinetics of the Reactions of Commercially Pure Ti and Ti-alloys with O_2, N_2 and H_2(l). Desprption of Hydrogen from Commercially pure Titamium, by H. Kusmmichi.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 20, 1956, pp 39-41.
*CFSTI TT 70-57151

Sci-Chem
June 70

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on Carbides in Iron and Steel by Electrolytic Isolation, by Tomoo Sato, Taiji Nishizawa.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 20, No 1, 1956, pp 51-55. 9229521
AEC AEIB-Tr 1017

Sci/Phys
Sep 65

289,310

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Rate of Hydrogen Absorption by Copper, by
S. Imoto, G. Mima, 17 pp.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
Vol, 20, 1956, pp 221-224.
AEC/UCRL-Tr-10380-69

Sci/Chem
Dec 69

[redacted],116

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Nakayama, Tadayuki.
ELECTRON DIFFRACTION EXAMINATION OF SURFACE LAYERS OF STAINLESS STEEL CORRODED AT HIGH TEMPERATURES (CORROSION IN ATMOSPHERE OF NH_3 GAS). [1961] 11p. 6 refs.
Order from SLA $1.60 . 61-16526

Trans. of Nihon Kinzoku Gakkai-Shi (Japan) 1956, v. 20, no. 5, p. 288-291.

DESCRIPTORS: *Stainless steel, Steel, *Corrosion, Electron diffraction analysis, Temperature, *Ammonia, Alloys, Chromium, Nickel, Molybdenum.

An electron-diffraction study was made of the surface layers of 13-Cr, 18-8 and high Mo (approximately 7% of Mo) stainless steel attacked by atmosphere containing NH_3 gas and a little air at 700°C. The relation was determined between the corrosion-resisting natures and the behaviors of Cr, Ni and Mo contained in these alloys. Iron nitrides (mainly Fe_3N) and spinel type oxides (over)
(Metallurgy--Corrosion, TT, v. 6, no. 6)

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I. Nakayama, T.

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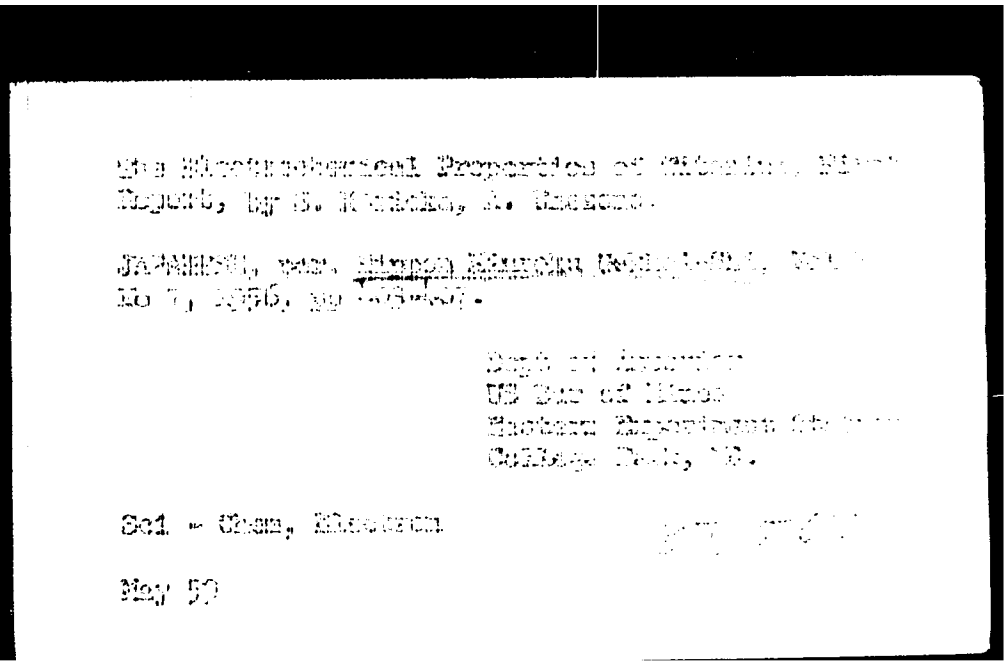

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Investigations of the Rolling of Various Metals and Alloys in a 20-Roll Sendzimir Reversing Cold Strip Mill, I. The Pattern on Very Thin Sheets, by E. Tanaka, T. Yoshiki. UNCL

JAPANESE to GERMAN, per, Nippon Kinzoku Gakkai-Si, 1956, pp 597-600.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27, Germany

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

A Study on Deformation and Annealing of Alloys Composed of two Phases (1st report) - Brass, by G. Hirai, et al.
JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol 21, No 1, 1957, pp 28-32.
*AEC tr/6/2544

Sci/Materials
Mar 67

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Studies of Deformation and Annealing of Alloys Composed of two Phases. 1st report: (alpha + beta) Brass, by G. Hina, H. Yoshii, 9 pp. JPRS 1882, per, Nippon Kinzoku Gakkaishi, Vol 21, 1957, pp 29-32.
JPRS 1882, tr 1082

sci/ materials
oct 69 394,337

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0

Studies on the Extrusion of Aluminum Alloys (First Report) on the Pressure of Extrusion, by Hiroshi Asada, Eibachiro Tanaka, Kichiso Enike, Saburo Sharimoto, 29 pp.

JAPANESE, per, Nippon Kinzoku Gakkaishi, Vol XXI, 1957, pp 176-181.

AEC 3456

Sci - Min/Met

Jan 59

79,559

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870047-0